Specifications — DVI 101

NOTE **Appropriate DVI-D to HDMI cables or adapters are required for HDMI signal input/output.*

Video

Maximum data rate	4.95 Gbps (1.65 Gbps per color)
Maximum pixel clock	165 MHz
Resolution range	Up to 1920x1200 or 1080p @ 60 Hz
Formats	RGB and YCbCr digital video
Standards	DVI 1.0, HDMI 1.2

Video input

Number/signal type	1 single link DVI-D (or HDMI*)
Connectors	1 female DVI-I
Input cable length	Up to 200' (61 m) at 1920x1200 or 1080p @ 60 Hz Up to 250' (76 m) at 1024x768, 720p, or 1080i @ 60 Hz Longer distances are possible with lower rates and/or high quality cable.

NOTE *The transmission distance varies greatly depending on the signal resolution and on the type of cable, graphic card, and display used in the system.*

Equalization	Automatic for up to -40 dB of cable loss

Video output

Number/signal type	1 single link DVI-D (or HDMI*)
Connectors	1 female DVI-I
Output cable length	Up to 15' (5 m)

General

Power	Supplied by an external power supply or by the 5 V signal from a DVI source (pin 14) or an HDMI source (pin 18)
External power supply	100 VAC to 240 VAC, 50/60 Hz, external; to 12 VDC, 1 A, regulated
Power input requirements	12 VDC, 0.2 A from an external power supply *or* 5 VDC, 0.05 A from a DVI source or an HDMI source
Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Cooling	Convection, no vents
Mounting	
Rack mount	Yes, with optional 1U, 9.5" deep rack shelf (RSU 129, #60-190-01; RSB 129, 60-604-01); 1U, 6" deep rack shelf (RSU 126, #60-190-10; RSB 126, 60-604-10); or 1U, 3.5" deep VersaTools® rack shelf (RSF 123, #60-190-20; RSB 123, 60-604-20)
Furniture mount	Yes, with optional MBU 125 Under-Desk Mounting Kit, #70-077-01
Enclosure type	Metal
Enclosure dimensions	1.0" H x 2.2" W x 3.0" D (one-eighth rack wide) (2.5 cm H x 5.6 cm W x 7.6 cm D)
Product weight	0.4 lbs (0.2 kg)
Shipping weight	2 lbs (1 kg)
Vibration	ISTA 1A in carton (International Safe Transit Association)
Regulatory compliance	
Safety	CE, CUL, UL
Compliances	CE, C-tick, FCC Class A, ICES, VCCI
MTBF	30,000 hours
Warranty	3 years parts and labor

NOTE *All nominal levels are at ±10%.*

NOTE *Specifications are subject to change without notice.*